



# CDF Operations – Jan 9-16

M Jones – 16-Jan-2003

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- Data taking summary
- CDF shutdown work
- Tevatron work



## Data taking summary

- Machine studies until Thursday
- Recorded data until Sunday
- Lost last stack on transition to shot lattice

Store	Initial L (cm <sup>-2</sup> s <sup>-1</sup> )	Delivered L (nb <sup>-1</sup> )	Integrated L (nb <sup>-1</sup> )	Eff (%)	Comments
2150	30.1 e30	103.7	63.8	61.5	Lost due toQPM failure
2153	27.9 e30	1197.2	995.2	83.1	Terminatd normally
2155	31.2 e30	1326.7	1185.7	89.4	Terminatd normally



## “October” shutdown...

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- **Sunday**
  - Lost last stack on transition to shot lattice
  - Purge of gas systems started
  - Complete set of calibrations taken
  - Plug sourcing, completed in 8 hours



# Okay... January shutdown...

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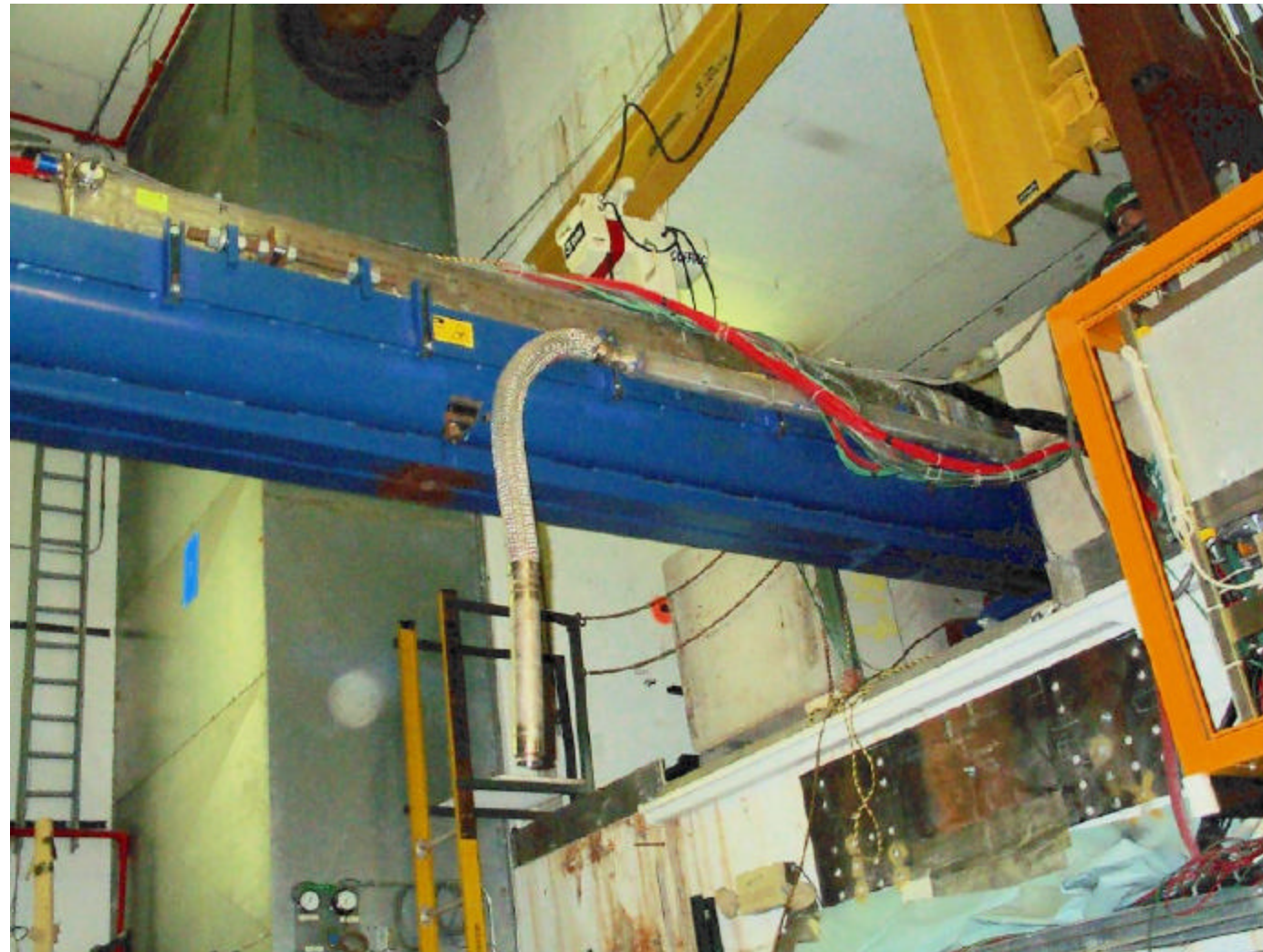
- **Monday:**

- Power cut at 7:00
- Recovered from power cut
- Opened detector
- Production database brought down
- Uncabled west miniplug
- Removed beam pipe
- Began work on west low beta Kautzky valve modification
- Removed TLD's from beam pipe and plug
- Set up for ISL cooling work in west bore
- Continual silicon enhancements



# Kautzky Valve Modification

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# Beampipe removal

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# January Shutdown

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- **Tuesday:**
  - More work on Kautzky valve modification
  - Replaced PROM's in many, many TRACER's
  - Installed monitoring on 400 Hz motor generator MG-2
  - ISL cooling work moved to east side
  - Installed new MVME processors in some crates
  - L3 network recabled



# January shutdown

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- **Wednesday:**
  - Closed west plug
  - Removed west miniskirt, installed grates over the hole
  - Replaced VME PS for b0cot01 (died after power cut)
  - Replaced some PEI power supplies with ones that wont trip
  - Monitoring on 400 Hz motor generator (east side)
  - CSL operating system upgrade
  - Prepared to begin shielding installation





# Shielding Installation

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- **Shielding installation**
  - steel for the bridge section started
  - Finish bridge section (3 days)
  - Stack shielding blocks (3 days)





# Outstanding issues

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- **Production database**
  - Work proceeding slower than expected (formatting disks)
  - Using integration database where possible
  - Expected to be done on Tuesday
- **ISL cooling**
  - Finished work on west side, now on east side
  - Difficult targets, proceeding slowly
- **CLC PMT replacement**
  - Higher concentrations of He in collision hall than desirable
  - Plan to build a tent around west CLC and pipe in fresh air



# Tevatron work

- B0 shielding work
- E17 Schottky detector installation
- C0 Lambertson removal:





# Summary

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- Shutdown work is underway
- No major delays
- Still very early
- Trying to exercise DAQ systems, it will be easier next week